

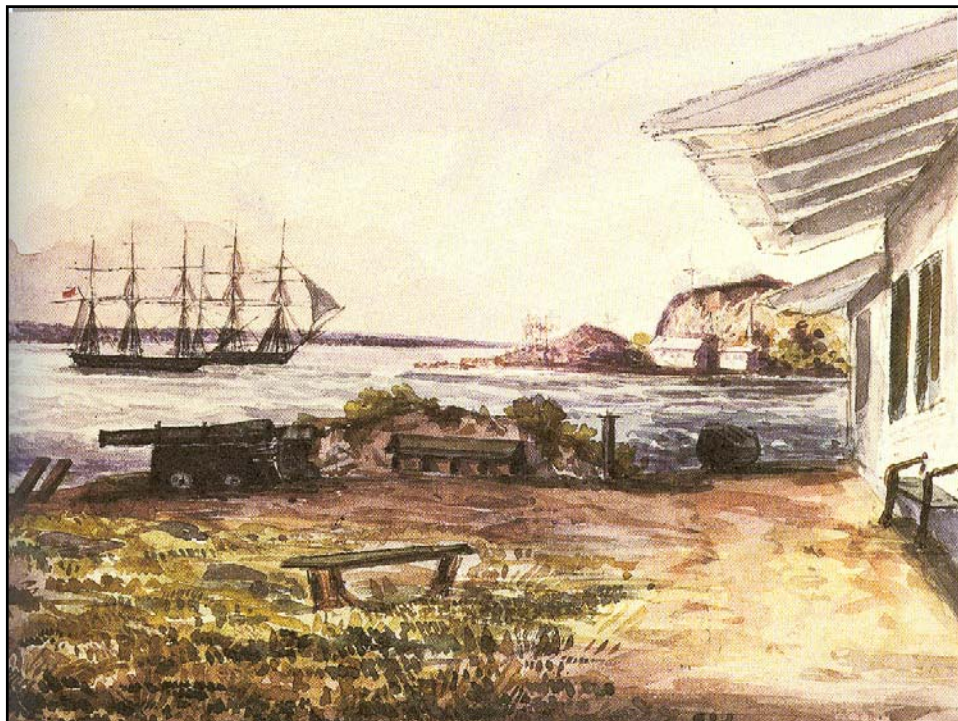
ERIC JEFFRIES, MD, PhD, FRCPC
Quarantine Medical Officer – Eastern Zone

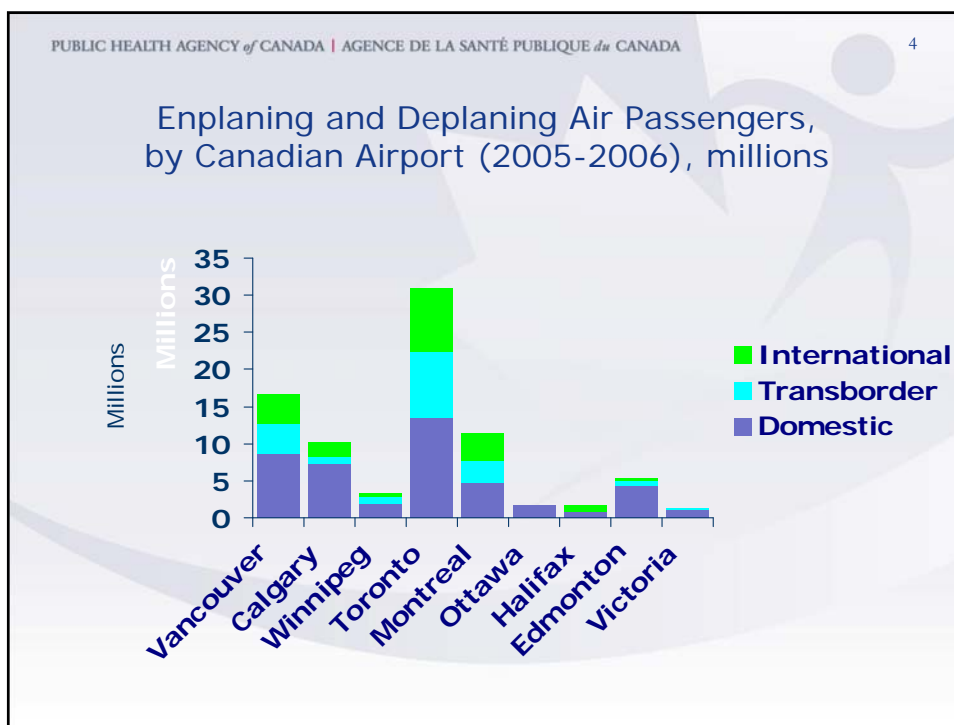
PUBLIC HEALTH AGENCY *of* CANADA
AGENCE DE LA SANTÉ PUBLIQUE *du* CANADA

 Public Health
Agency of Canada

Agence de la santé
publique du Canada

Canada 





Quarantine Service Capacity

- Director of Quarantine + support (Ottawa)
- 25 Quarantine Officers
- 2 Quarantine Medical Officers
- Coverage of marine ports and remote ports (± 1400)
- 94% of int'l flights through these 6 airports
- Canada Border Services Agency officers = screening officers

Quarantine Act

- In force December 12, 2006
- Regulations can be introduced if required
- Compliance with International Health Regulations
 - June 2007 - voluntarily
 - By 2009 capacities must be in place

Screening Protocols

- Notification of ill traveller, by conveyance operator
(some local variations as to most effective method)
- Referral of ill traveller by CBSA (50%), EMS, station manager
- Self-report of illness by traveller
- Environmental disinfection and recommendations

Additional Public Health Measures

- Screening based on emerging case definition/risk profile
- CBSA screening
- Health Alert Notices (HAN)
- Exit screening
- Quarantine facilities
- Screening devices (e.g., temperature scan) or biomarkers

Schedule of Quarantinable Diseases

(Section 2, subsections 15(2) and 34(1) and sections 45 and 63)

Active pulmonary tuberculosis

Anthrax

Argentine hemorrhagic fever

Bolivian hemorrhagic fever

Botulism

Brazilian hemorrhagic fever

Cholera

Crimean-Congo hem. fever

Diphtheria

Ebola hemorrhagic fever

Lassa fever

Marburg hemorrhagic fever

Measles

Meningococcal meningitis

Meningococcemia

Pandemic influenza type A

Plague

Poliomyelitis

Rift Valley fever

Severe Acute Respiratory
Syndrome

Smallpox

Tularaemia

Typhoid fever

Venezuelan hemorrhagic fever

Yellow fever

Case Study

May 9 2008, National Quarantine Service contacted by York Region
Person with infectious TB had indicated intention to travel to Buffalo, NY,
for a conference. CBSA and CDC notified by separate encrypted
emails of name and date of birth. Nationality/Passport not available

TB nurse from York visited "patient" and he was made aware of the
notifications and this discouraged him from travel

Case Study

June 14 2008. CDC called QMO with regard to traveller who was attempting to cross into NY state

Information that traveller had been removed from CBSA list at request of York since he had been compliant with treatment

CDC denied entry to the United States but allowed release to return home

Lessons: CDC requires evidence of three negative smears – York had not followed up on paperwork. Agreed that PHAC would also require written evidence.

CO-ORDINATES

Eric Jeffries, MD, PhD, FRCPC
Quarantine Medical Officer – East
Pearson International Airport (Toronto)
Tel: 416-776-5381
Fax: 905-676-7728
Cell: 416-473-7874
Eric_Jeffries@phac-aspc.gc.ca